

AUG 13 2001

Sheet 1 of 3

Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Atty. Docket No. 51320-AA/JPW/SHS	Serial No. 09/724,105
	Applicants Graham P. Allaway et al.	
	Filing Date June 25, 2001	Group

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
BL	US	5 4 4 0 0 2 1	8/5/94	A. Chundharapai, et al.			
	US	5 5 0 4 0 0 3	4/2/96	H. Li et al.			
	US	5 0 2 1 4 0 9	6/4/91	Murrer et al.			
	US	5 1 2 6 4 3 3	6/30/92	Maddon et al.			

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

BL	Alkhatib, Ghalb, et al., (1996) "CC CKR5: A RANTES, MIP-1 α , MIP-1 β Receptor as a Fusion Cofactor for Macrophage-Tropic HIV-1" <i>Science</i> 272:1955-1958;
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	Choe, Hyeryun, et al., (1996) "The β -Chemokine Receptors CCR3 and CCR5 Facilitate Infection by Primary HIV-1 Isolates" <i>Cell</i> 85:1135-1148;
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	De Clercq, E., (1995) "Antiviral therapy for human immunodeficiency virus infections" <i>Clinical Microbiology Reviews</i> 8(2):200-239;
	Doranz, et al., (1996) "A dual-tropic primary HIV-1 isolate that uses fusin and the β -chemokine receptors CKR-5, CKR-3, and CKR-2b as fusin cofactors" <i>Cell</i> 85:1149-1158;

EXAMINER *Buogun L.*

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Applicants: Graham P. Allaway et al.
 Serial No. : 09/724,105
 Filed: June 25, 2001
 Exhibit A

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	Hattori, T., et al., (1989) "Involvement of tryptase-related cellular protease(s) in human immunodeficiency virus type 1 infection" <i>FEB</i> 248:48-52;
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	Moser, Bernhard, et al., (1993) "Interleukin-8 Antagonists Generated by N-terminal Modification" <i>The Journal of Biological Chemistry</i> 268:7126-7128;

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Bali	Oberlin, Estelle, et al., (1996) "The CXC chemokine SDF-1 is the ligand for LESTR/fusion and prevents infection by T-cell-line-adapted HIV-1" <i>Nature</i> 382:833-835;
	Raport, Carol, J., et al., (1996) "New members of the chemokine receptor gene family" <i>Journal of Leukocyte Biology</i> 59:18-23;
	Simmons, Graham, et al., (1997) "Potent Inhibition of HIV-1 Infectivity in Macrophages and Lymphocytes by a Novel CCR5 Antagonist" <i>Science</i> 276:276-279;
	Szabo, et al., (1992) "CD4 changes conformation upon ligand binding" <i>The Journal of Immunology</i> 149(11):3596-3604;
	Trkola, Alexandra, et al., (1996) "CD4-dependent, antibody-sensitive interactions between HIV-1 and its co-receptor CCR-5" <i>Nature</i> 384:184-187;
	Wells, Timothy, N.C., et al., (1996) "Selectivity and antagonism of chemokine receptors" <i>Journal of Leukocyte Biology</i> 59:53-60;
	Wu, Lijun, et al., (1996) "CD4-induced interaction of primary HIV-1 gp120 glycoproteins with the chemokine receptor CCR-5," <i>Nature</i> 384:179-183;
	Wu, Lijun, et al., (1997) "CCR5 Levels and Expression Pattern Correlate with Infectability by Macrophage-tropic HIV-1, In Vitro" <i>J. Exp. Med.</i> 185:1681-1691;
↓	Zhang, Y.J., et al., (1994) "Structure/Activity Analysis of Human Monocyte Chemoattractant Protein-1 (MCP-1) by Mutagenesis," <i>The Journal of Biological Chemistry</i> 269:15918-15924;

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Form PT-1449

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G. P. Allaway et al.Filing Date
November 28, 2000Art Unit
1648INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

Examiner Initials	Exh. No.	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
BL	1	5 9 9 4 5 1 5	11/30/99	Hoxie			
	2	6 1 0 7 0 1 9	08/22/00	Allaway et al.			
	3	6 3 4 4 5 4 5	02/05/02	Allaway et al.			
	4	6 5 4 8 6 3 6	04/15/03	Dragic et al.			
	5	6 7 5 9 5 1 9	07/06/04	Li et al.			
BL	6	Pending Claims in 09/888,938		Allaway et al.			06/25/01
	7	Allowed Claims in 10/323,314		Dragic et al.			12/19/02
	8	08 6 2 7 6 8 4		Allaway et al.			04/02/96
		60 0 1 4 5 3 2		Allaway et al.			04/02/96
	9	08 6 6 3 6 1 6		Allaway et al.			06/14/96
		60 0 1 9 7 1 5		Allaway et al.			06/14/96
	10	08 6 7 3 6 8 2		Allaway et al.			06/25/96
	11	08 6 6 5 0 9 0		Allaway et al.			06/14/96

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		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
BL	28	9 6 4 1 0 2 0	10/27/97	PCT				
	29	9 7 2 6 0 0 9	07/24/97	PCT				
	30	9 7 3 7 0 0 5	10/27/97	PCT				
	31	9 7 4 7 3 1 9	01/07/98	PCT				
	32	9 7 4 9 4 2 4	12/31/97	PCT				
	33	9 8 5 6 4 2 1	12/17/98	PCT				
	34	0 0 3 5 4 0 9	06/22/00	PCT				
	35	0 1 6 4 7 1 0	09/07/01	PCT				
	36	0 2 2 2 0 7 7	03/21/02	PCT				

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BL		60 0 1 9 9 4 1		Allaway et al.	—	—	06/14/96
	12	08 8 7 4 5 7 0		Allaway et al.	—	—	06/13/97
	13	08 8 7 4 6 1 8		Allaway et al.	—	—	06/13/97
	14	Pending Claims in 09/852,238		Allaway et al.	—	—	05/09/01
BL		09 2 1 2 7 9 3		Olson et al.	—	—	12/16/98
		60 1 1 2 5 3 2		Olson et al.	—	—	12/16/98
	15	09 4 6 4 9 0 2		Olson et al.	—	—	12/16/99
	16	09 5 9 4 9 8 3		Olson et al.	—	—	06/15/00
	17	09 6 6 3 2 1 9		Olson et al.	—	—	09/15/00
	18	60 2 6 6 7 3 8		Olson et al.	—	—	02/06/01
	19	2002/0146415	10/10/02	Olson et al.	—	—	
	20	60 2 8 2 3 8 0		Olson et al.	—	—	04/06/01
	21	2002/0106374	08/08/02	Olson et al.	—	—	
	22	10 0 8 1 1 2 8		Olson et al.	—	—	02/22/02
		60 3 5 8 8 8 6		Olson et al.	—	—	02/22/02
	23	2003/0044411	03/06/03	Olson et al.	—	—	
	24	2003/0092632	05/15/03	Dragic et al.	—	—	
	25	2003/0228306	12/11/03	Olson et al.	—	—	
	26	Pending Claims in 10/763,545		Olson et al.	—	—	01/23/04
	27	Pending Claims in 09/460,216		Allaway et al.	—	—	12/13/99

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												Yes	No
BL	37	02	0	6	8	6	0	8	09/06/02	PCT	—	—	
	38	02	0	8	3	1	7	2	10/24/02	PCT	—	—	
	39	03	0	7	2	7	6	6	09/04/03	PCT	—	—	

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BLi	US 5 4 4 0 0 2 1	8/5/94	Chuntharapai, et al	—	—	
1	US 5 5 0 4 0 0 3	4/2/96	H. Li et al.	—	—	
1	US 5 0 2 1 4 0 9	6/4/91	Murrer et al.	—	—	
✓	US 5 1 2 6 4 3 3	6/30/92	Maddon, et al.	—	—	

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BLi	WO 9 7 4 7 3 1 9	12/18/97		—	—		

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BLi	Alkhatib, Ghalb, et al., (1996) "CC CKR5: A RANTES, MIP-1 α , MIP-1 β Receptor as a Fusion Cofactor for Macrophage-Tropic HIV-1" <i>Science</i> 272:1955-1958;
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↓	Samson, M., et al. (1996), Molecular Cloning and Functional Expression Of A New Human CC-chemokine Receptor Gene, <i>Biochemistry</i> 35: 3362-3367;
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↓	Dragic, et al., <i>Nature</i> 381:667-673, 20 June 1996;
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	Fox, J.L., <i>Biol. Technology</i> , 12:128, February 1994;
	Haynes, et al., <i>Ann. Med.</i> 28:39-41, 1996;
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